

MASTER OF SCIENCE IN NURSING

Clinical Options

- Adult-Gerontology Acute Care Nurse Practitioner
- Family Nurse Practitioner (FNP)
- Nurse Anesthetist
- Nurse Education

Post-master's Certificates

- Adult-Gerontology Acute Care Nurse Practitioner
- Family Nurse Practitioner (FNP)
- Nurse Education

Post-Baccalaureate School Nurse Licensure

- School Nurse

MSN Program Director

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Program Description

The Master of Science in Nursing program is designed for baccalaureate-prepared nurses who have strong undergraduate foundations in critical thinking, decision-making, and nursing practice. The program consists of four program options, with specialization in Family Nurse Practitioner, Nursing Education, and Nurse Anesthesia and three post-master's certificates in Adult-Gerontology Acute Care Nurse Practitioner, Family Nurse Practitioner and Nurse Education. The department also offers a non-degree School Nurse certificate.

The core curriculum centers on professional nursing issues, nursing science, and research methods for building nursing knowledge. The Family Nurse Practitioner option focuses on the delivery of primary care to families and persons of all ages within the health care delivery system. The Adult-Gerontology Acute Care Nurse Practitioner option focuses on providing direct acute care to adult and older adult individuals and families. The Nursing Education option focuses on delivery of nursing and patient education to individuals in academic, health-care delivery and community settings. The Nurse Anesthetist option focuses on the administration of anesthesia to individuals requiring surgical and non-surgical diagnostic procedures. The non-degree School Nurse certificate focuses on delivery of comprehensive care to individuals in the school environment.

The Master of Science in Nursing program is fully accredited by the Commission on Collegiate Nursing Education (CCNE). For additional information regarding accreditation, contact CCNE:

Commission on Collegiate Nursing Education
655 K Street, NW, Suite 750
Washington, DC 20001

Phone: (202) 887-6791

<http://www.aacnursing.org/CCNE>

The Master of Science in Nursing program is also fully accredited by the Accreditation Commission for Education in Nursing (ACEN). For additional information regarding accreditation, contact ACEN:

Accreditation Commission for Education in Nursing

3343 Peachtree Road NE
Suite 850
Atlanta, GA 30326
Phone: (404) 975-5000

<http://www.acenursing.org/>

In addition, the nurse anesthetist option is fully accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). For information regarding accreditation, contact COA:

Council on Accreditation of Nurse Anesthesia Educational Programs (COA)

222 S. Prospect Avenue

Park Ridge, Ill. 60068-4001

Phone: (847)655-1160

<http://home.coa.us.com/Pages/default.aspx>

The Master of Science in Nursing in nurse anesthesia is a cooperative program between Youngstown State University and St. Elizabeth Health Center School for Nurse Anesthetists, Inc. All courses are taught by YSU graduate faculty. Mercy Health supports the program by providing clinical and other resources at St. Elizabeth Youngstown Hospital, St. Elizabeth Boardman Hospital and St. Joseph Warren Hospital. Pediatric clinical experiences are provided at Akron Children's Hospital. Students gain experience in the use of many anesthetic agents and techniques and are supervised by Certified Registered Nurse Anesthetists (CRNAs) and Staff Anesthesiologists from Bel-Park Anesthesia Associates, Inc. Upon successful completion of the degree program, graduates are eligible to sit for the National Certification Exam by the Council on Certification of Nurse Anesthetists. Once certified, CRNAs must apply for a Certificate of Authority to practice as an Advanced Practice Nurse in the State of Ohio or abide by the laws of the state in which they intend to practice.

Acceptance into the YSU Master of Science in Nursing program is contingent upon acceptance into the St. Elizabeth Health Center School for Nurse Anesthetists, Inc. For additional admission information specific to the Nurse Anesthetist option please contact Dr. Beverly A. Rodgers:

Dr. Beverly A. Rodgers, DNAP, CRNA
Program Director
St. Elizabeth Health Center School for Nurse Anesthetists, Inc.
(330) 480-3444
brodgers@belpark.net

Graduate Faculty

Chair

Nancy Wagner, D.N.P., Professor, Chair

Professor

Kimberly A. Ballone, D.N.P., Professor

Patricia L. Hoyson, Ph.D., Professor

Susan A. Lisko, D.N.P., Associate Professor

Valerie Marie O'Dell, D.N.P., Associate Professor

Pamela A. Schuster, Ph.D., Professor

Cynthia M. Shields, D.N.P., Associate Professor

Amy Weaver, Ph.D., Associate Professor

Graduate Courses

NURS 6900 Professional Issues in Nursing 3 s.h.

Exploration of nursing issues including changing roles and scope of practice and discipline concerns, with emphasis of interdisciplinary collaboration and social, cultural, political, economic, legal, regulatory, and ethical practice considerations.

NURS 6901 Nursing Science and Research 1 3 s.h.

Analysis of health-related evidence for practice. Exploration of the significance of theory, research, and research methods and strategies for translating evidence into practice.

Prereq. or concurrent: NURS 6906.

NURS 6902 Advanced Pathophysiology 3 s.h.

Normal physiologic functions and pathologic mechanisms are examined to prepare nurses for advanced practice roles.

NURS 6903 Advanced Pharmacology 3 s.h.

Application of pharmacological concepts in clinical settings with examination of major categories of pharmacological agents.

Prereq.: NURS 6902.

NURS 6904 Advanced Health Assessment 3 s.h.

Development of advanced clinical knowledge and skills needed for comprehensive health assessment across the life span. Emphasis on health history, physical, cultural, developmental and nutritional assessments with differential diagnosis of common health problems.

Prereq.: NURS 6902 (or concurrent).

NURS 6905 Advanced Health Assessment Practicum 5 s.h.

Application of advanced nursing knowledge and skills from NURS 6904 focusing on the assessment of adult and geriatric populations. To be taken concurrently with NURS 6904.

Prereq.: NURS 6902 and NURS 6998.

NURS 6906 Advanced Statistics 3 s.h.

Advanced inferential and multivariate statistical techniques used in nursing and other health professions, with emphasis on PASW computer analysis for interpretation of nursing and health data.

Prereq.: An undergraduate statistics course or equivalent.

NURS 6907 Health Assessment of School Children 3 s.h.

Development of advanced clinical knowledge and skills in assessment of school children. Emphasis on research from nursing, biological, behavioral, and social sciences.

Prereq.: NURS 6901, NURS 6902, and NURS 6903, or enrollment in school nurse licensure program.

NURS 6908 Health Assessment of School Children Practicum 2 s.h.

Application of advanced nursing knowledge and skills from NURS 6907, focusing on assessment of children in school settings.

Concurrent: NURS 6907.

NURS 6910 Professional Aspects of Nurse Anesthesia 3 s.h.

Ethics, legal aspects, and professional issues associated with a career in nurse anesthesia. Includes a history of anesthesia and the role of certified registered nurse anesthetists (CRNA).

Prereq.: Acceptance into nurse anesthesia option.

NURS 6911 Pharmacology 1 for Nurse Anesthetists 3 s.h.

Basic principles of pharmacology including drug effectiveness, mechanism of action, and drug interactions. Emphasis on pharmacological action of drugs on specific organ systems and use in treatment of disease conditions.

Prereq.: Acceptance into nurse anesthesia option.

NURS 6912 Pharmacology 2 for Nurse Anesthetists 3 s.h.

Comprehensive study of drugs and adjunctive agents used in anesthesia practice. Includes a review of inhalation and intravenous anesthetics, local anesthetics, neuromuscular blocking agents, and adjunctive drugs.

Prereq.: NURS 6911.

NURS 6913 Medical Chemistry and Physics for Nurse Anesthetists 3 s.h.

Application of organic chemistry, biochemistry, and medical physics in the practice of anesthesia.

Prereq.: Acceptance into nurse anesthesia option.

NURS 6914 Human Anatomy, Physiology, and Pathophysiology 1 for Nurse Anesthetists 3 s.h.

Study of the structure and function of the human body.

Prereq.: Acceptance into nurse anesthesia option.

NURS 6916 Anesthesia Principles 1 2 s.h.

Introduction to anesthesia practice and techniques, including preoperative assessments, anesthesia drugs, care plan development and implementation, and safety issues.

Prereq.: Acceptance into nurse anesthesia option.

NURS 6920 Special Topics 1-4 s.h.

Topics may vary from semester to semester and will be announced along with prerequisites and hours. May be repeated. S/U grading.

NURS 6998 Anatomy and Physiology of Aging 3 s.h.

Using a systems approach, this course will examine the anatomical and physiological changes that occur with aging. It will discuss age-related disorders and evaluate the impact of these changes on activities and daily function. This course will be cross-listed with GERO 6998.

NURS 7000 Adult and Gerontology Care 3 s.h.

Advanced nursing management of adult and geriatric health care needs. Taken concurrently with NURS 7001.

Prereq.: NURS 6904, NURS 6905, and NURS 6998.

NURS 7001 Adult-Gerontology Care Practicum 5 s.h.

Application of knowledge and skills from NURS 7000 focusing on advanced nursing management of adult and geriatric health care needs.

Prereq.: NURS 6904, NURS 6905, and NURS 6998.

Concurrent with: NURS 7000.

NURS 7002 Nursing Science and Research 2 2 s.h.

Continuation of NURS 6901, focusing on design, instrumentation, data collection methods, data analysis and data interpretation.

Prereq.: NURS 6901 and NURS 6906.

NURS 7003 Role Development 3 s.h.

The examination of concepts, theories, and research related to advanced practice role development, teaching, learning, technology, evaluation strategies, leadership, program development, marketing skills, and health care delivery in community settings.

Prereq.: NURS 7000, NURS 7001 and NURS 7002.

NURS 7004 Role Development Practicum 5 s.h.

Application of concepts, theories, and research from NURS 7003 in a variety of nursing education, health care, and community settings.

Prereq.: NURS 7000, NURS 7001, NURS 7002, NURS 7003, or concurrent with NURS 7003.

NURS 7005 Capstone Practicum 2 s.h.

Synthesis of learned concepts and theories in the form of an individual scholarly project, and dissemination of findings under the direction of a graduate faculty member.

Prereq.: Completion of all coursework and approval of MSN faculty committee.

NURS 7006 Special Topics in Nursing 1-5 s.h.

Special interest nursing topics selected by the faculty which reflect current trends and issues in nursing practice. May be repeated as desired.

NURS 7008 Schools and Health 3 s.h.

Population focus survey of children's health issues and K-12 schools using CDC Coordinated School Health Program model as an organizing framework. Topics include school health policy, relationship of health and academic outcomes, and Youth Risk Behavioral Surveillance (YRBSS). Current research infused into the course.

Prereq.: Enrollment in school nurse licensure program.

Cross-listed: MPH 7008.

NURS 7010 Human Anatomy, Physiology, and Pathophysiology 2 for Nurse Anesthetists 3 s.h.

NURS 6914 Continuation of Anatomy, Physiology, and Pathophysiology I with further emphasis on cardiovascular, respiratory, renal, hepatic, and endocrine systems.

Prereq.: NURS 6914.

NURS 7011 Anesthesia Principles 2 6 s.h.

Examines specific anesthetic techniques used in a variety of surgical procedures.

Prereq.: NURS 6916.

NURS 7012 Anesthesia Principles 3 8 s.h.

Administration of anesthesia for high-risk patients.

Prereq.: NURS 7011.

NURS 7014 Health Management in Schools 3 s.h.

Advanced nursing management of health care needs of children in schools, pre-K through high school.

Prereq.: NURS 6907 or enrollment in school nurse licensure program.

NURS 7015 Health Management in Schools Practicum 2 s.h.

Application of knowledge and skills from NURS 7014, focusing on advanced nursing management of health care needs of children in schools, pre-K through high school. To be taken concurrently with NURS 7014.

Prereq.: NURS 6907.

NURS 7016 School Nurse Role 3 s.h.

Examination of concepts, theories, and research related to advanced practice role development, teaching, learning, technology, evaluation strategies, leadership, marketing skills, and health care delivery in school settings.

Prereq.: NURS 7014, NURS 7015 or enrollment in the school nurse licensure program.

NURS 7017 School Nurse Role Practicum 1-5 s.h.

Application of concepts, theories, and research from NURS 7016 in pre-K and K-12 school settings to be taken concurrently with NURS 7016.

Prereq.: NURS 7014, NURS 7015 or enrollment in school nurse licensure program.

NURS 7018 Nursing Curriculum Design 3 s.h.

Foundations of nursing curriculum with designs, development of frameworks, and identification of learning strategies to achieve nursing education learning competencies and outcomes.

NURS 7019 Nursing Instructional Methods 3 s.h.

Theoretical foundations and analysis of teaching strategies in academic and clinical settings promoting critical thinking, assessment techniques, and learning outcomes in a variety of nursing education and healthcare settings.

Prereq.: NURS 7018.

NURS 7020 Evaluation in Nursing Education 3 s.h.

Methods, frameworks, basic principles, and strategies for nursing educational evaluation, including assessment, designs, curriculum and program evaluation tools, agency accreditation processes, legal and ethical guidelines, and measurement tools of scoring and grading.

Prereq.: NURS 7018, NURS 7019.

NURS 7021 Nurse Educator Role 4 s.h.

Examination of concepts, theories and research related to advanced practice role development, teaching, learning, technology, evaluation strategies, leadership, marketing skills, and nursing education practice in academic and health care delivery settings.

Prereq.: NURS 7018, NURS 7019, and NURS 7020.

NURS 7022 Nurse Educator Role Practicum 3-5 s.h.

Field experience and application of concepts, theories, research findings, teaching strategies, learning, technology, evaluation strategies, leadership, and marketing skills from NURS 7018, NURS 7019, and NURS 7020 in a variety of nursing education and healthcare settings. This practicum will consist of 150 hours.

Prereq.: NURS 7018, NURS 7019, and NURS 7020 or concurrent with NURS 7021.

NURS 7024 Family and Women's Health 3 s.h.

Primary health care management of family and women in diverse settings. Emphasizes health promotion, illness prevention, disease detection, and identification and management of health problems and concerns affecting families and women throughout the lifespan. Taken concurrently with NURS 7025.

Prereq.: NURS 6903 (or concurrent), NURS 6902, NURS 6904.

NURS 7025 Family and Women's Health Practicum 4 s.h.

Application of concepts, theories and research from NURS 7024 in a variety of health care settings. Taken concurrently with NURS 7024.

Prereq.: NURS 6903 (or concurrent), NURS 6902, NURS 6904.

NURS 7026 Infant, Child and Adolescent Health 3 s.h.

Primary health care management of infants, children and adolescents in diverse settings. Emphasis on health promotion, illness prevention, disease detection, and identification and management of health problems and concerns from infancy through adolescence. Taken concurrently with NURS 7027.

Prereq.: NURS 6902, NURS 6903, NURS 6904.

NURS 7027 Infant, Child and Adolescent Health Practicum 5 s.h.

Application of concepts, theories and research from NURS 7026 in a variety of health care settings. Taken concurrently with NURS 7026.

Prereq.: NURS 6902, NURS 6903, NURS 6904.

NURS 7028 Adult and Older Adult Health 3 s.h.

Primary health care management of young adults, adults, and older adults in diverse settings. Emphasizes health promotion, illness prevention, disease detection, and identification and management of health problems and concerns affecting young adults, adults, and older adults. Taken concurrently with NURS 7029.

Prereq.: NURS 6902, NURS 6903, and NURS 6904.

NURS 7029 Adult and Older Adult Health Practicum 5 s.h.

Application of concepts, theories and research from NURS 7028 in a variety of health care settings. Taken concurrently with NURS 7028.

Prereq.: NURS 6902, NURS 6903, NURS 6904.

NURS 7037 Adult-Gero Acute Care 1 3 s.h.

Competencies (knowledge, skills and professional behaviors) required to provide comprehensive and holistic care to a culturally diverse, acutely ill population (young adult-fail elderly) is emphasized. Clinical manifestations of and patient response to particular patient care problems (e.g. cardiovascular, neurological etc.) with emphasis on physical assessment findings for determining a differential diagnosis and planning of patient care needs, health promotion and health maintenance. Taken concurrently with NURS 7038.

Prereq.: NURS 6902, NURS 6903 (or concurrent), NURS 6904.

NURS 7038 Adult-Gero Acute Care 1 Practicum 4-5 s.h.

Practicum experience in an acute care facility aligned with and taken concurrently with NURS 7039. Emphasis is placed on the APRN-patient/family relationship collaborating with the health care team and health information technology.

Prereq.: NURS 6902, NURS 6903 (or concurrent), NURS 6904.

NURS 7039 Adult-Gero Acute Care 2 3 s.h.

Competencies (knowledge, advanced skills and professional behaviors) required to provide comprehensive and holistic care to a culturally diverse, acutely ill adult population (young adult-frail elderly) is emphasized. Clinical manifestations of and patient response to particular patient care problems (e.g. integumentary, infectious disease) with emphasis on physical assessment findings for determining differential diagnosis and planning of patient care needs, health promotion and health maintenance. Taken concurrently with NURS 7040.

Prereq.: NURS 6902, NURS 6903, NURS 6904, NURS 7017 and NURS 7040.

NURS 7040 Adult-Gero Acute Care 2 Practicum 4-6 s.h.

Practicum in an acute care facility aligned to and taken concurrently with NURS 7040. Emphasis is placed on quality improvement and patient safety initiatives, interdisciplinary professional collaboration and functioning within the health system.

Prereq.: NURS 6902, NURS 6903 (or concurrent), NURS 6904.

NURS 7041 Adult-Gero Acute Care 3 3 s.h.

Focus on the integration of the role components delivered by the adult-gerontology nurse practitioner. Clinical manifestations of and patient response to particular patient care problems (i.e., endocrine, gastrointestinal, multisystem, trauma) with emphasis on physical assessment findings for determining a differential diagnosis and planning of patient care needs, health promotion and health maintenance. Emphasis on utilizing diagnostic reasoning, therapeutic interventions, pharmacological therapeutics, interdisciplinary treatment plans, consultation, referral, transitional care and research findings in the management and evaluation of culturally diverse acutely ill adult-gerontology patients. Taken concurrently with NURS 7042.

Prereq.: NURS 6902, NURS 6903, NURS 6904, NURS 7017, NURS 7038, NURS 7040.

NURS 7042 Adult-Gero Acute Care 3 Practicum 4-6 s.h.

Practicum designed to integrate the independent practice competencies. Emphasis is on preventing illness, promoting health and an optimal functional level. Stabilizing the ill client and minimizing complications through an interdisciplinary approach and transitional care. Possible clinical areas: acute care facilities, disease management clinics (diabetes, heart failure, pain management, dialysis), outpatient facilities (oncology, cardiac rehabilitation, short term rehabilitation, drug and alcohol centers), parish nursing, hospice and palliative care facilities. Taken concurrently with NURS 7041.

Prereq.: NURS 6902, NURS 6903 (or concurrent), NURS 6904.